

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L10	3	(Upconver\$4 or up adj1 conver\$4 or upward near4 spectrum) same (shift\$3 near3 digital adj2 baseband) same (mix\$3 or multiplier\$1 or multiplying)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/30 20:12
L11	7	(Upconver\$4 or up adj1 conver\$4 or upward near4 spectrum) same (shift\$3 near3 digital adj2 baseband)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/30 20:14
L12	7	(Upconver\$4 or up adj1 conver\$4 or upward near4 shift\$3 or upward near4 conver\$4) same (shift\$3 near3 digital adj2 baseband)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/30 20:27
L13	796	(Upconver\$4 or up adj1 conver\$4 or upward near4 shift\$3 or upward near4 conver\$4) same ( digital adj2 baseband or base adj1 band adj2 process\$3 or digital adj2 base adj2 band)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/30 20:28
L14	21	13 same ("in-phase" with quadrature or "I/Q" or I adj2 Q) same (MIX or multiplier\$1 or multiplying)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/30 20:30

L15	87	13 same ("in-phase" with quadrature or "I/Q" or I adj2 Q) same (MIX\$3 or multiplier\$1 or multiplying)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/30 20:30
L16	192	( upsampl\$3 or up adj2 sampl\$3 or increas\$3 or up adj2 shift\$3 ) with ( digital adj2 baseband or base adj1 band adj2 process\$3 or digital adj2 base adj2 band or shift \$3 near4 digital adj2 baseband or shift\$3 near4 digital adj2 base adj2 band)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/30 21:14
L17	4651	(select\$3 near3 frequency or switch\$3 near3 frequency or scan \$4 near4 frequenc \$3) near4 (shift \$3 or upshift\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/30 21:16
L18	1	16 and 17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/30 21:16
L19	319	(select\$3 near3 frequency or switch\$3 near3 frequency or scan \$4 near4 frequenc \$3 or shift\$3 near3 frequency or upshift\$3 near4 frequency) same (high\$3 or great\$3 or above or small\$3 or bigg \$3 or low\$3) same (bandwidth near4 baseband	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/30 21:22

		or baseband near4 spectrum or bandwidth near4 base adj1 band or base adj1 band near4 spectrum)				
L20	334	(select\$3 near3 frequency or switch\$3 near3 frequency or scan \$4 near4 frequenc \$3 or shift\$3 near3 frequency or upshift\$3 near4 frequency) same (high\$3 or great\$3 or above or small\$3 or bigg \$3 or low\$3 or optim\$3 or maxim \$3) same (bandwidth near4 baseband or baseband near4 spectrum or bandwidth near4 base adj1 band or base adj1 band near4 spectrum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/30 21:22
L21	2	16 and 20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/30 21:23
L22	1091	( upsampl\$3 or up adj2 sampl\$3 or increas\$3 or up adj2 shift\$3 ) with ( digital adj2 baseband or base adj1 band adj2 process\$3 or digital adj2 base adj2 band or shift \$3 near4 digital adj2 baseband or shift\$3 near4 digital adj2 base	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/30 21:25

		adj2 band or baseband adj2 signal\$1 or base adj1 band adj2 signal\$1)				
L23	13	22 and 20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/30 21:25
L25	404	( upsampl\$3 or up adj2 sampl\$3 or increas\$3 or up adj2 shift\$3 or interpolat\$4 or upshift\$3) adj3 ( digital adj2 baseband or base adj1 band adj2 process\$3 or digital adj2 base adj2 band or shift \$3 near4 digital adj2 baseband or shift\$3 near4 digital adj2 base adj2 band or baseband adj2 signal\$1 or base adj1 band adj2 signal\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/30 21:28
L26	13	25 and 20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/30 21:29

L27	1181	( upsampl\$3 or up adj2 sampl\$3 or increas\$3 or up adj2 shift\$3 or interpolat\$4 or upshift\$3 or shift \$3) adj3 ( digital adj2 baseband or base adj1 band adj2 process\$3 or digital adj2 base adj2 band or baseband adj2 signal\$1 or base adj1 band adj2 signal\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/30 21:33
L28	781	(select\$3 near3 frequency or switch\$3 near3 frequency or scan \$4 near4 frequenc \$3 or shift\$3 near3 frequency or upshift\$3 near4 frequency or minimum near3 frequency or amount near3 frequency or frequency near2 deviat\$3 or frequency near2 rotat\$4 or frequency near2 chang\$3) and 27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/30 21:35
L29	360	(select\$3 near3 frequency or switch\$3 near3 frequency or scan \$4 near4 frequenc \$3 or shift\$3 near3 frequency or upshift\$3 near4 frequency or minimum near3 frequency or amount near3 frequency or frequency near2 deviat\$3 or frequency near2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/30 21:36

		rotat\$4 or frequency near2 chang\$3) same 27				
L30	285	(select\$3 near3 frequency or switch\$3 near3 frequency or scan \$4 near4 frequenc \$3 or shift\$3 near3 frequency or upshift\$3 near4 frequency or minimum near3 frequency or amount near3 frequency or frequency near2 deviat\$3 or frequency near2 rotat\$4 or frequency near2 chang\$3) with 27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/30 21:37
L31	210	(select\$3 near3 frequency or switch\$3 near3 frequency or scan \$4 near4 frequenc \$3 or shift\$3 near3 frequency or upshift\$3 near4 frequency or minimum near3 frequency or amount near3 frequency or frequency near2 deviat\$3 or frequency near2 rotat\$4 or frequency near2 chang\$3)near4 27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/30 21:37

L32	28	(select\$3 near3 frequency or switch\$3 near3 frequency or scan \$4 near4 frequenc \$3 or shift\$3 near3 frequency near2 greater or upshift\$3 near4 frequency or minimum near3 frequency or amount near3 frequency or frequency near2 deviat\$3 or frequency near2 rotat\$4 or frequency near2 chang\$3)near4 27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/30 21:39
L33	100	( upsampl\$3 or up adj2 sampl\$3 or increas\$3 or up adj2 shift\$3 or interpolat\$4 or upshift\$3 or shift \$3or upconver\$4 or up adj2 conver \$3 or upward\$3) adj3 ( digital adj2 baseband or base adj1 band adj2 process\$3 or digital adj2 base adj2 band )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/30 21:46
L34	36	(select\$3 near3 frequency or switch\$3 near3 frequency or scan \$4 near4 frequenc \$3 or upshift\$3 near4 frequency or minimum near3 frequency or amount near3 frequency or frequency near2 deviat\$3 or frequency near2 rotat\$4 or	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/30 21:48

		frequency near2 chang\$3 or amount near4 shift\$3) and 33				
L35	116	( upsampl\$3 or up adj2 sampl\$3 or increas\$3 or up adj2 shift\$3 or interpolat\$4 or upshift\$3 or shift \$3or upconver\$4 or up adj2 conver \$3 or upward\$3 or up adj1 sampl \$3 or resampl\$3 or re adj1 sampl \$3) adj3 ( digital adj2 baseband or base adj1 band adj2 process\$3 or digital adj2 base adj2 band )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/30 22:00
L36	48	(select\$3 near3 frequency or switch\$3 near3 frequency or scan \$4 near4 frequenc \$3 or upshift\$3 near4 frequency or minimum near3 frequency or amount near3 frequency or frequency near2 deviat\$3 or frequency near2 rotat\$4 or frequency near2 chang\$3 or amount near4 shift\$3 or frequency near2 great\$3) and 35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/30 22:01

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